

2010 BETTER HYBRIDS Harvest Report for South Dakota South East [SDSE]
EARLY SEASON TEST

Ernie Christensen, McCook County, SD 57048 [SALEM]

99 - 104 Day CRM

PREV. CROP/HERB: Soybean / Authority MTZ, Roundup B0SDSE14a
 SOIL DESCRIPTION: Hand-Bonilla loam, moderately drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Mod. Low P, mod. low K, 7.5 pH, 3.1% OM
 PEST MANAGEMENT: Atrazine, Roundup 30" ROW SPACING
 FERTILITY - Applied N: 100 Fall, 50 Spring,
 Applied N-P-K (units): 150-60-60
 SEEDED - RATE: May 2 32,000 /A TOP 30 OF 51 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 15 28,500 /A AVERAGE of (2) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
NuTech	5N-803	3000GT	C250	214.3	17.8	1.0	29.8	\$895.8	2
Heine	745VT3	VT3	P250	211.8	20.5	1.0	31.9	\$871.0	10
Dekalb	DKC50-44 GC	VT3	P250	211.0	17.3	1.0	28.3	\$884.6	5
Gold Country	101-99	SS	P250	210.9	18.5	1.0	28.3	\$877.9	7
Dekalb	DKC52-59 GC	VT3	P250	209.2	14.6	1.0	26.9	\$891.2	3
Wensman	W7273VT3	VT3	P250	209.0	15.2	1.0	27.6	\$887.2	4
Rea	5T577	VT3	P250	208.3	15.7	1.0	30.5	\$881.6	6
NuTech	3T-401	VT3	C250	207.1	17.3	1.0	25.4	\$868.3	11
Kruger	K-6399VT3	VT3	P250	206.9	15.3	1.0	28.3	\$877.8	8
Dekalb	DKC50-66 GC	VT3	P250	205.6	15.5	1.0	29.1	\$871.2	9
Kruger	K-6102VT3	VT3	C250	204.4	16.4	1.0	27.6	\$861.5	12
NuTech	G2 5H-105^	HX,RR2	C250	203.9	19.4	1.0	30.5	\$844.1	16
Great Lakes	5211GS	SS	P250	203.2	19.0	1.0	30.5	\$843.3	18
NuTech	3T-603	VT3	C250	202.6	20.0	1.0	30.5	\$835.7	24
Great Lakes	5416G3VT3	VT3	P250	202.0	18.0	1.0	27.6	\$843.4	17
Kruger	K-6201VT3	VT3	P250	201.9	17.4	1.0	29.1	\$846.0	14
Mustang	6460	3000GT	C250	201.6	17.9	1.0	29.8	\$842.2	19
NuTech	G2 5H-502^	HX,RR2	C250	201.3	18.2	1.0	27.6	\$839.4	21
Pannar	6D-409	VT3	C250	200.5	15.1	1.0	30.5	\$851.6	13
NuTech	5N-102	3000GT	C250	199.4	16.5	1.0	26.9	\$840.0	20
Gold Country	102-05	VT3	P250	198.2	16.4	1.0	27.6	\$835.4	25
Wensman	W7270VT3Pro	VT3P	P250	197.9	14.3	1.0	28.3	\$844.5	15
Wensman	W6307RR	RR2	P250	197.7	15.7	1.0	29.0	\$836.8	23
Dekalb	DKC53-45 GC	SS	P250	197.6	17.6	1.0	28.3	\$827.0	26
Renze	2190HXT/LL/RR2	HXT,RR2	C250	197.4	18.5	1.0	29.8	\$821.7	28
Mustang	5307VT3	VT3	P250	197.1	15.0	1.0	27.6	\$837.7	22
NuTech	G2 5H-700^	HX,RR2	C250	196.5	17.2	1.0	29.0	\$824.3	27
Kruger	K-7302	VT3P	P250	195.8	17.6	1.0	26.9	\$819.4	30
Heine	742VT3	VT3	P250	195.7	17.3	2.5	27.6	\$820.5	29
Heine	723VT3	VT3	P250	195.5	17.4	1.0	27.6	\$819.1	31
Channel	201-13VT3 CK	VT3	C250	215.5	18.1	1.0	29.0	\$899.2	1
Test Average =				195.3	17.3	1.1	28.5	\$818.8	
LSD (0.10) =				14.8	1.3	1.4			
C.V. =				4.6	4.4				

TEST COMMENTS: *Very heavy rains dominated the weather most of the summer and we lost 1 replication in each test as result.*
Most of the plots drained well and provided good results. We had no lodging issues and crop was easy to harvest. The corn was clean with minimal weed pressure.

Lat: N43.8363, Long: W97.25194

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.3 Drying = \$0.025 Price = \$4.25

[†] TECHNOLOGY: Corn Borer - 3000GT, CB, HX, HXT, SS, VT2P, VT3, VT3P, YGCB; Corn Rootworm - 3000GT, HXT, RW, SS, VT2, VT3, VT3P
 Glyphosate - 3000GT, GT, RR2, SS, VT2, VT2P, VT3, VT3P; LibertyLink - 3000GT, HX, HXT, LL, SS

^{††} IST: AVC - Avicta Complete, C - Cruiser, P - Poncho, 250, 500, and 1250 = 0.25, 0.5, and 1.25 g ai/seed, respectively; V - Votivo

Identifies the check brand included in early- and full-season tests. Bold yields are significantly above test average. Italicized brands exceed the grain moisture limit for this test. GC = grower chosen product, * = brands without a seed lot number ns = not significantly different

 Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: 10/19/2010

Revised:

2010 BETTER HYBRIDS Harvest Report for South Dakota South East [SDSE]
FULL SEASON TEST

Ernie Christensen, McCook County, SD 57048 [SALEM]

105 - 108 Day CRM

PREV. CROP/HERB: Soybean / Authority MTZ, Roundup B0SDSE14b
 SOIL DESCRIPTION: Hand-Bonilla loam, moderately drained, conventional w/ fall till, non-irrigated
 SOIL CONDITIONS: Mod. Low P, mod. low K, 7.5 pH, 3.1% OM
 PEST MANAGEMENT: Atrazine, Roundup 30" ROW SPACING
 FERTILITY - Applied N: 100 Fall, 50 Spring,
 Applied N-P-K (units): 150-60-60
 SEEDED - RATE: May 2 32,000 /A TOP 30 OF 33 FOR GROSS INCOME (SORTED BY YIELD)
 HARVESTED - STAND: Oct 15 28,800 /A AVERAGE of (2) REPLICATIONS

Company	Brand	Technology [†]	IST ^{††}	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Wensman	W7455VT3	VT3	P250	210.4	20.6	1.0	26.9	\$865.1	1
Fielders Choice	NG6726	VT3	P250	206.7	23.9	1.0	29.0	\$832.6	6
NuTech	G2 5H-607^	HX,RR2	C250	206.6	24.2	1.0	31.2	\$830.6	7
NuTech	G2 5H-005^	HX,RR2	C250	205.5	20.3	1.0	31.9	\$846.3	2
NuTech	G2 5X-007^	HXT,RR2	C250	203.8	19.8	1.0	25.4	\$842.1	3
Dairyland	ST9206Q	HXT,RR2	C250	201.7	22.6	1.0	30.5	\$819.1	9
Pioneer	35F44 GC	HXT,RR2	C250	200.8	18.0	1.0	31.2	\$838.5	5
Heine	810VT3PRO	VT3P	P250	199.5	23.2	1.0	29.0	\$807.1	10
Heine	755VT3	VT3	P250	199.0	20.1	1.0	29.8	\$820.7	8
Renze	1219VT3	VT3	C250	198.4	15.8	1.0	29.8	\$839.3	4
Stine	9528VT3Pro	VT3P	P250	195.8	26.3	1.0	29.0	\$777.1	18
Kruger	K-6006VT3	VT3	C250	194.5	21.1	1.0	26.9	\$797.1	13
Renze	7270RR2	RR2	C250	194.5	20.4	1.0	31.2	\$800.5	11
NuTech	5N-804	3000GT	C250	191.7	18.6	1.0	26.9	\$797.9	12
Heine	798VT3	VT3	P250	190.9	20.9	1.0	28.3	\$783.3	14
NuTech	3A-406	GT	C250	189.1	20.2	1.0	29.0	\$778.9	16
Wensman	W7473VT3	VT3	P250	189.0	22.4	2.5	29.0	\$768.3	22
Great Lakes	5643VT3PRO	VT3P	P250	188.9	20.0	1.0	27.6	\$779.6	15
Kruger	K-6408VT3	VT3	P250	188.8	20.4	1.0	28.3	\$777.2	17
LG Seeds	LG2529VT3Pro	VT3P	P250	185.7	18.3	1.0	27.6	\$774.2	19
Mycogen	2J597	SS	C250	185.5	18.4	1.0	29.8	\$772.8	20
Producers	6634VT3	VT3	P250	185.4	20.3	1.0	29.0	\$763.2	23
Fielders Choice	NG6646	VT3	P250	181.3	16.8	1.0	30.5	\$762.5	24
Wensman	W7433VT3	VT3	P250	181.2	19.0	1.0	28.3	\$752.0	25
Stine	9531VT3Pro	VT3P	P250	177.4	24.1	1.0	31.9	\$713.9	26
Producers	6944VT3	VT3	P250	174.0	21.1	1.0	27.6	\$712.9	27
Great Lakes	5783G3VT3	VT3	P250	172.8	23.5	1.0	29.8	\$698.1	29
Mycogen	2K594	SS	C250	171.7	21.4	1.0	29.8	\$702.6	28
Mustang	6317VT3	VT3	P250	170.6	22.6	1.0	26.9	\$692.6	30
Fielders Choice	NG6696	VT3	P250	169.6	23.6	1.0	26.1	\$684.5	31
Channel	201-13VT3 CK	VT3	C250	185.4	18.9	1.0	29.0	\$770.0	21
Test Average =				188.3	21.0	1.1	28.8	\$772.4	
LSD (0.10) =				16.7	2.4	0.9			
C.V. =				5.3	6.8				

TEST COMMENTS: *Very heavy rains dominated the weather most of the summer and we lost 1 replication in each test as result.*
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 Complete list of brands tested & searchable database available at www.firstseedtests.com

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Report Date: Revised: 10/24/2010 New results table, replace 10/19/2010 version



Footnotes, Abbreviations, and Trademarks

Brand Footnotes

^G2[®] brand seed is distributed by NuTech Seed, LLC. HPT[®] brand seed is distributed by Hoegemeyer Hybrids, Inc. RPM[®] brand seed is distributed by Doebler's PA Seed. XL[™] brand seed is distributed by Beck's Superior Hybrids. G2[®], HPT[®], RPM[®], and XL[™] are trademarks of Pioneer Hi-Bred.

Technologies

3110	Agrisure [®] Viptera [™] 3110
3111	Agrisure [®] Viptera [™] 3111
3000GT	Agrisure [®] 3000GT
CB/LL	Agrisure [®] CB/LL
CB/LL/RW	Agrisure [®] CB/LL/RW
GT	Agrisure [®] GT
GT/CB/LL	Agrisure [®] GT/CB/LL
HX	HERCULEX [®] I Insect Protection
HXT	HERCULEX [®] XTRA Insect Protection
LL	LibertyLink [®]
RR	Roundup Ready [®] Soybeans
RR2	Roundup Ready [®] Corn 2
RR2Y	Genuity [™] Roundup Ready 2 Yield [®]
SS	Genuity [™] SmartStax [™]
STS	STS [®]
VT2	YieldGard VT Rootworm/RR2 [™]
VT2P	Genuity [™] VT Double PRO [™]
VT3	YieldGard VT Triple [®]
VT3P	Genuity [™] VT Triple PRO [™]
YGCB	YieldGard [®] Corn Borer
YGCB,RR2	YieldGard [®] Corn Borer/Roundup Ready [®] Corn 2
YGPL,RR2	YieldGard [®] Plus/Roundup Ready [®] Corn 2
YGRW,RR2	YieldGard [®] Rootworm/Roundup Ready [®] Corn 2

Seed Treatments

AC	Acceleron [®]
AM	ApronMaxx [®]
AP	Apron XL [®]
AVC	Avicta [®] Complete Corn
C	Cruiser [®]
CM	CruiserMaxx [®]
E	Excalibre [™]
ES	Escalate [™]
I	Inovate [™] System
O	Optimize [®]
P	Poncho [®]
T	Trilex [®]
T6	Trilex [®] 6000
V	Votivo [™]

Trademarks

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